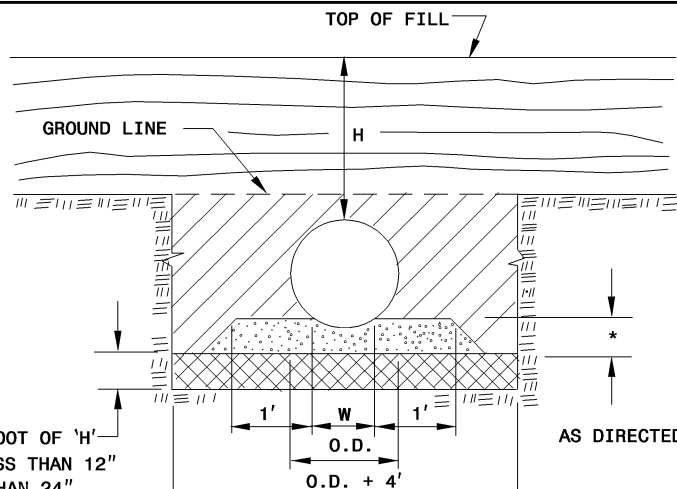
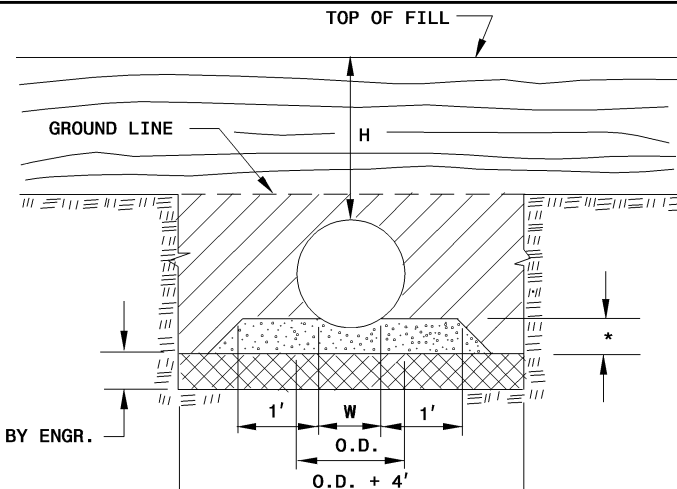


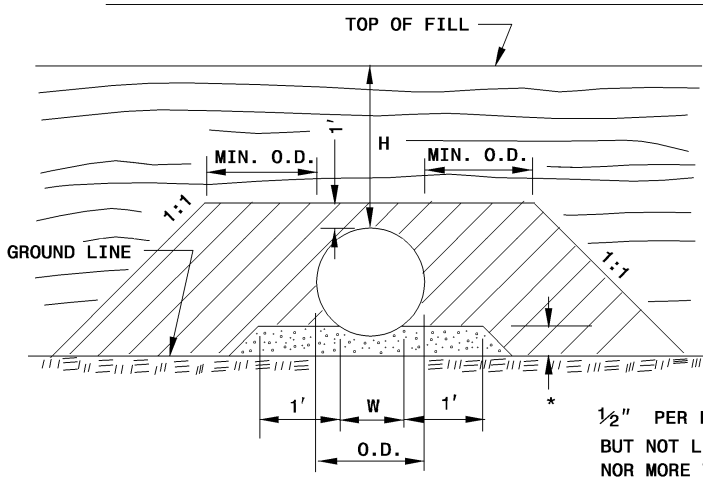
NORMAL EARTH FOUNDATION



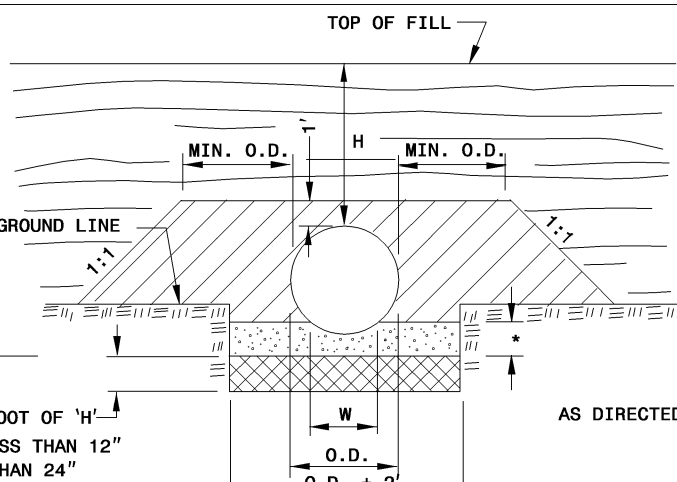
ROCK FOUNDATION
PIPE IN TRENCH



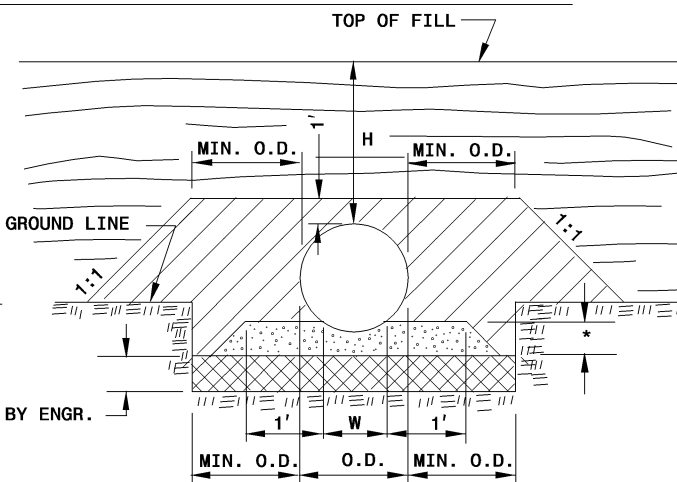
UNSUITABLE MATERIAL FOUNDATION



NORMAL EARTH FOUNDATION



ROCK FOUNDATION
PIPE ABOVE GROUND



UNSUITABLE MATERIAL FOUNDATION

GENERAL NOTES:

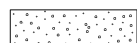
O.D. = THE MAXIMUM HORIZONTAL OUTSIDE DIMENSION.

H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.

W = WIDTH OF SHAPED BEDDING.

DO NOT OPERATE HEAVY EQUIPMENT OVER ANY STRUCTURAL PLATE PIPE UNTIL THE STRUCTURAL PLATE PIPE HAS BEEN PROPERLY BACKFILLED AND COVERED WITH AT LEAST 3 FEET OF APPROVED MATERIAL.

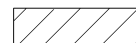
* O.D./12 NOT LESS THAN 6" MIN.



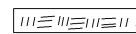
LOOSELY PLACED APPROVED SUITABLE LOCAL MATERIAL OR SELECT MATERIAL FOR FOUNDATION CONDITIONING AS DIRECTED BY THE ENGINEER. (STONE WILL NOT BE ALLOWED)



APPROVED SUITABLE LOCAL MATERIAL OR SELECT MATERIAL FOR FOUNDATION CONDITIONING AS DIRECTED BY THE ENGINEER.



APPROVED BACKFILL OR SELECT MATERIAL. WHEN 'H' IS GREATER THAN 30', SELECT MATERIAL OF THE APPROPRIATE CLASS WILL BE USED AS FOLLOWS:



UNDISTURBED EARTH MATERIAL
SELECT MATERIAL

CLASS IV
CLASS III
CLASS II

OVER 50 FEET
OVER 40 FEET THROUGH 50 FEET
OVER 30 FEET THROUGH 40 FEET

THE CLASS OF SELECT BACKFILL MATERIAL TO BE USED FOR AN INDIVIDUAL PIPE INSTALLATION WILL BE BASED ON THE MAXIMUM H WHICH OCCURS ALONG THE PIPE INSTALLATION. A HIGHER CLASS SELECT MATERIAL, NOT TO EXCEED CLASS IV, MAY BE USED IN LIEU OF CLASS II OR III. SELECT MATERIAL WILL NOT BE REQUIRED AROUND THOSE PORTIONS OF AN INDIVIDUAL PIPE INSTALLATION LOCATED UNDER THAT PART OF THE FILL WHERE 'H' IS 30 FEET OR LESS